



Point Beach Nuclear Plant
6610 Nuclear Rd., Two Rivers, WI 54241

(920) 755-2321

NPL 98-0159

March 6, 1998

Document Control Desk
U. S. NUCLEAR REGULATORY COMMISSION
Mail Station P1-137
Washington, DC 20555

Ladies/Gentlemen:

DOCKETS 50-266 AND 50-301
MONTHLY OPERATING REPORTS
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

Attached are monthly operating reports for Units 1 and 2 of the Point Beach Nuclear Plant for the calendar month of February, 1998.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Douglas F. Johnson'.

Douglas F. Johnson
Manager -
Regulatory Services & Licensing

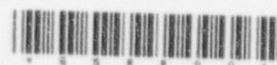
lad

Attachments

cc: J. D. Loock, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector

9803170393 980228
PDR ADOCK 05000266
R PDR

IE24%



OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 03/06/98

COMPLETED BY: M. B. Koudelka

TELEPHONE: 920-755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1

2. REPORTING PERIOD: February - 1998

3. LICENSED THERMAL POWER (MWt): 1518.5

4. NAMEPLATE RATING (GROSS MWe): 523.8

5. DESIGN ELECTRICAL RATING (NET MWe): 497.0

6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): 509.0

7. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 485.0

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

NA

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWe): NA

10. REASONS FOR RESTRICTIONS, (IF ANY):

NA

11. HOURS IN REPORTING PERIOD

12. NUMBER OF HOURS REACTOR WAS CRITICAL

13. REACTOR RESERVE SHUTDOWN HOURS

14. HOURS GENERATOR ON LINE

15. UNIT RESERVE SHUTDOWN HOURS

16. GROSS THERMAL ENERGY GENERATED (MWh)

17. GROSS ELECTRICAL ENERGY GENERATED

18. NET ELECTRICAL ENERGY GENERATED (MWh)

19. UNIT SERVICE FACTOR

20. UNIT AVAILABILITY FACTOR

21. UNIT CAPACITY FACTOR (USING MDC NET)

22. UNIT CAPACITY FACTOR (USING DER NET)

23. UNIT FORCED OUTAGE RATE

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

None

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

June 1, 1998

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED SEPTEMBER 22, 1977

NOTES	THIS MONTH	YEAR TO DATE	CUMULATIVE
	672.0	1,416.0	239,448.0
	320.5	1,064.5	195,856.0
	0.0	0.0	667.3
	317.7	1,061.7	192,588.9
	0.0	0.0	846.9
	383,189.0	1,448,182.0	273,540,535.0
	135,480.0	511,530.0	92,499,340.0
	127,103.0	487,623.5	88,169,464.5
	47.3%	71.0%	80.4%
	47.3%	75.0%	80.8%
	39.0%	71.0%	75.6%
	38.1%	69.3%	74.1%
	0.0%	0.0%	4.8%

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH FEBRUARY 1998

DOCKET NO.

50-266

UNIT NAME

Point Beach, Unit 1

DATE

3/2/98

COMPLETED BY

M. B. Koudelka

TELEPHONE

920-755-6480

AVERAGE
DAILY
POWER LEVEL
MWe NET

AVERAGE
DAILY
POWER LEVEL
MWe NET

AVERAGE
DAILY
POWER LEVEL
MWe NET

DAY

DAY

DAY

1

11

21

2

12

22

3

13

23

4

14

24

5

15

25

6

16

26

7

17

27

8

18

28

9

19

29

10

20

435

395

-2

431

392

-2

428

384

-2

423

36

-2

415

-15

-2

455

-15

-2

379

-9

-2

397

-11

-2

403

-3

-2

395

-2

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY - 1998

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date 3/6/98
 Completed By M. B. Koudelka
 Tel-phone No. 920/755-6480

No.	Date	Type	Duration (Hours)	Reason ²	Method of Reactor Shut Down ²	Licensee Event Report No.	System Code ³	Component Code ³	Cause and Corrective Action To Prevent Recurrence
1	980214	S	354.3	C	1	NA	NA	NA	Unit 1 is presently in refueling outage 24. The outage is currently scheduled for 90 days with the unit planned to be returned to service on approximately June 1, 1998.

¹F: Forced
 S: Scheduled

²Reason:

- A - Equipment Failure (explain)
- B - Maintenance or Testing
- C - Refueling
- D - Regulatory Restriction
- E - Operator Training & Licensing Exam
- F - Administrative
- G - Operational Error (explain)
- H - Other (explain)

³Method:

- 1 - Manual
- 2 - Manual Scram
- 3 - Automatic Scram
- 4 - Continuation of Previous Shutdown
- 5 - Reduced Load
- 6 - Other (explain)

⁴Exhibit G - Instructions for preparation of data entry sheets
 LER file (NUREG-0161)

⁵Exhibit I - Same Source

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE 03/06/98
COMPLETED BY M. B. Koudelka
TELEPHONE 920/755-6480

The daily power average for Unit 1 during February, 1998, was 189 MWe.

The following Licensee Event Reports (LERs) were submitted to the NRC during February, 1998:

LER 266/98-001-00, Missed Surveillances Required by the Section XI Pressure Test Program Constituted an Operation Prohibited by Technical Specifications.

LER 266/98-002-00, Failure of the High Voltage Station Auxiliary Transformer.

LER 266/98-003-00, Containment Accident Fan Motor Cooler Heat Exchanger Flow Rates Found to be Outside the Design Basis of the Plant.

LER 266/98-004-00, Reactor Coolant Pump Lube Oil Collection System Design Nonconformance with Appendix R Section III.O.

LER 266/98-005-00, Missed Technical Specifications Tests for Control Rod Exercise.

LER 266/98-006-00, Unanticipated Partial Service Water System Isolation During a Special Test.

LER 266/98-007-00, Defective Turbine-Driven Auxiliary Feedwater Pump Low Suction Pressure Trip Time Delay Relay.

Safety-related maintenance included:

1. 1B-52-494 power to 1B42-494 D-108 station battery charger Train B circuit breaker replaced.
2. 1C-1 equipment access air lock packing adjusted.
3. 1C-2 personnel access air lock quad rings replaced.
4. G-04 emergency diesel generator air start solenoid valves replaced and tested.
5. P-32A service water pump accelerometer installed.
6. 1RC-430 T-1 pressurizer power-operated relief indicator light replaced.
7. 1RH-716C HX-11A&B residual heat removal heat exchanger outlet crossconnect valve handwheel repaired.
8. RS-SA-10 Unit 2 radwaste steam trip valve repaired.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 03/06/98

COMPLETED BY: M. B. Koudelka

TELEPHONE: 920-755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2

2. REPORTING PERIOD: February - 1998

3. LICENSED THERMAL POWER (MW): 1518.5

4. NAMEPLATE RATING (GROSS MWE): 523.8

5. DESIGN ELECTRICAL RATING (NET MWE): 497.0

6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.0

7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.0

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

NA

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NA

10. REASONS FOR RESTRICTIONS, (IF ANY):

NA

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	672.0	1,416.0	224,233.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	506.5	506.5	188,391.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ON LINE	485.0	485.0	185,781.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	710,327.0	3,281,268.0	266,886,275.0
17. GROSS ELECTRICAL ENERGY GENERATED	243,150.0	243,150.0	90,722,700.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	229,754.0	227,656.5	86,448,417.5
19. UNIT SERVICE FACTOR	72.2%	34.3%	82.9%
20. UNIT AVAILABILITY FACTOR	72.2%	34.3%	83.0%
21. UNIT CAPACITY FACTOR (USING MDC NET)	70.5%	33.1%	79.0%
22. UNIT CAPACITY FACTOR (USING DER NET)	68.8%	32.3%	77.6%
23. UNIT FORCED OUTAGE RATE	27.8%	65.7%	2.2%

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

None

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

NA

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED SEPTEMBER 22, 1977

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH FEBRUARY - 1998

DOCKET NO.

50-301

UNIT NAME

Point Beach, Unit 2

DATE

3/2/98

COMPLETED BY

M. B. Koudelka

TELEPHONE

920-755-6480

AVERAGE
DAILY
POWER LEVEL
MWe NET

DAY

1

-4

2

-14

3

-15

4

-15

5

-15

6

-16

7

-16

8

1

9

185

10

491

AVERAGE
DAILY
POWER LEVEL
MWe NET

DAY

11

500

12

503

13

501

14

502

15

500

16

498

17

500

18

501

19

504

20

498

AVERAGE
DAILY
POWER LEVEL
MWe NET

DAY

21

501

22

501

23

501

24

501

25

499

26

501

27

501

28

480

29

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY - 1998

Docket No.

50-301

Unit Name

Point Beach, Unit 2

Date

3/6/98

Completed By

M. B. Koudelka

Telephone No.

920/755-6480

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Reactor Shut Down ³	Licenses Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action To Prevent Recurrence
-	971115	F	187	H	I	NA	NA	NA	Unit 2 was taken to cold shutdown to accommodate testing of the reactor protection system logic permissives in November, 1997. It was decided that Unit 2 remain shutdown for work on other Unit 2 systems. Unit 2 was returned to service on February 8, 1998.

¹F: Forced

S: Scheduled

²Reason:

- A - Equipment Failure (explain)
- B - Maintenance or Testing
- C - Refueling
- D - Regulatory Restriction
- E - Operator Training & Licensing Exam
- F - Administrative
- G - Operational Error (explain)
- H - Other (explain)

³Method:

- 1 - Manual
- 2 - Manual Scram
- 3 - Automatic Scram
- 4 - Continuation of Previous Shutdown
- 5 - Reduced Load
- 6 - Other (explain)

⁴Exhibit G - Instructions

- for preparation of data entry sheets
- LER file (NUREG-0161)

⁵Exhibit I - Same Source

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE 03/06/98
COMPLETED BY M. B. Koudelka
TELEPHONE 920/755-6480

The daily power average for Unit 2 during February, 1998, was 342 MWe.

The following Licensee Event Report (LER) was submitted to the NRC during February, 1998:

LER 301/98-001-00, Steam Generator Vent Mispositioned During Plant Heatup.

Safety-related maintenance included:

1. 2B-52-394 power to 2B42-394 D-107 station battery charger Train A circuit breaker adjusted.
2. 2C-1 lower equipment access air lock inspected and cam reset.
3. 2CV-303C F-39A reactor coolant pump seal injection filter outlet valve adjusted.
4. 2MS-244 HX-1B steam generator MS-2015 dump to atmosphere inlet valve inspected and repacked.
5. 2P-2A charging pump cage #1, plungers and packing replaced.
6. 2VNPSE-3212-O W-6A&B U2C purge exhaust fan suction operator slide valve replaced.
7. 2-62/NC005 AF-4002 auxiliary feedwater pump mini-recirculation control shut time delay relay setpoint changed.